|                          |             |            |            |                 |               | •                | •               |              |            |               | -        |           |                 |              |
|--------------------------|-------------|------------|------------|-----------------|---------------|------------------|-----------------|--------------|------------|---------------|----------|-----------|-----------------|--------------|
|                          |             | •          | ' <i>,</i> | :               |               |                  |                 |              |            | ·             | •        | •         | •               |              |
|                          | · · · · · · | <u> </u>   |            |                 | •<br>·        | •                | •               | •            |            |               | • • •    | ·         |                 | •            |
|                          | ĊL          | lash.      |            | _               |               | <u> </u>         |                 | Applica      | tion Numbe |               |          |           | •               | •            |
|                          | U L.A       | AIINS      | ONLY       |                 |               | .*               | ٠               | 14           | Jaz        | GAD.          | F        | ling Date |                 |              |
| 1                        |             |            | •          |                 |               | •                |                 | Applicar     | nt(s)      |               | 1        |           |                 | • • •        |
|                          | _           |            |            | <u>.</u>        | ·             |                  |                 |              |            | -             | ٠.,      |           |                 |              |
| CLAIMS                   | AS FIL      | ED         | AFTE       | FIRST           | AFTER         | SECOND           | <del>-</del>    | * May be     | used for a | iditional dai | ms or am | endments  |                 |              |
| 1.                       | . Indep . C | ;<br>epend | Indep      | DMENT<br>Depend | AME<br>Indep  | Depend           | 1               | <u> </u>     | • •        | <u> </u>      | •        |           | 1.              | <del></del>  |
| 2                        |             |            |            | 1               | **            | Берени           | 1               | · 51         | Indep      | Depend        | Indep    | . Depend  | Indep           | Depend       |
| 3                        |             |            | 7          |                 |               |                  | -               | 52.<br>53    |            |               |          |           |                 |              |
| 5                        |             |            |            |                 |               |                  | 1               | 54 -         |            |               |          |           |                 |              |
| 7                        |             |            |            |                 |               |                  | 1 1             | 56.          | -          |               | · · ·    |           |                 |              |
| 8                        |             |            |            | 1               |               |                  | 1 1             | 57<br>58     |            |               |          |           |                 |              |
| 10 ,                     |             |            |            | + 1             |               |                  | F               | 59<br>. 60   |            | : :           |          |           |                 |              |
| 12                       |             |            |            | A -1            |               |                  |                 | 61           | -          |               |          |           |                 |              |
| 14 · ·                   |             |            |            | 71              |               |                  | E               | 62<br>63     |            |               |          |           |                 |              |
| 15                       |             |            |            |                 |               |                  | -               | 64<br>65     | -          |               |          |           |                 |              |
| 18                       | -           |            |            |                 |               |                  | F               | 66<br>67     |            | -             |          | +-        |                 |              |
| 19                       |             |            |            |                 |               |                  |                 | · 68         |            |               | -        |           | 二               |              |
| 21                       |             |            |            | 1               |               |                  | 上               | · 70         |            |               |          | 11        |                 |              |
| 23                       |             |            |            | 7-1-            |               |                  | E               | 71.<br>72    |            |               |          | 11        |                 |              |
| . 24                     |             |            |            |                 |               |                  | -               | 73 · 74      |            |               |          |           |                 |              |
| 26 .<br>27               |             |            |            |                 |               | <del></del>      |                 | 75<br>76     |            |               |          |           |                 | $\exists$    |
| 28                       |             | 二二         |            |                 | $-\Gamma$     |                  |                 | 77           |            |               |          |           |                 |              |
| 30                       |             | 士          | H +        |                 |               |                  |                 | 78<br>79     |            |               |          |           |                 |              |
| . 32                     |             | · -        | $\Pi T$    |                 |               |                  |                 | 80<br>81     |            |               |          |           |                 |              |
| 33<br>34                 |             | 7          | ##         |                 |               |                  |                 | 32           |            |               |          |           |                 |              |
| . 35<br>.36              | -           |            | ##         |                 |               |                  | 8               | 4            |            |               |          |           |                 | <b>-</b>   · |
| .38<br>.38               |             |            | 11+-       |                 | 1             | $\exists$        | . 8             | 6            |            |               | -1-1     |           |                 |              |
| 39.<br>40                |             | -          | H          | ==              | $\exists =$   |                  | - 8<br>- 8      | 8            |            |               | 11       |           |                 | $\dashv$     |
| 41                       |             | -          |            |                 |               |                  | 89<br>90        |              |            |               |          |           |                 | $\exists$    |
| 42                       | -           |            |            |                 |               |                  | 91<br>92        |              |            |               |          |           |                 | ]            |
| 44 45                    |             |            |            |                 | <del>- </del> | <b>-</b>         | . 83            |              |            | $+$ $\Gamma$  | 1        | 1         | 1               | $\exists$    |
| 46                       | <u> </u>    |            | 1          | 1=              | 1             |                  | 94<br>95        |              |            | 1_            | 11       |           | 1               | -1           |
| 47 .                     |             |            | 1          |                 |               | $\exists \vdash$ | · . 96<br>97    |              |            |               | 1-1-     |           | 1_              | ]            |
| 49                       |             |            | 1          | 1               | -             |                  | -98             |              |            | -             | 11       | 7         | 1               | 1            |
| 50 .<br>Total            | -           | フ<br>・     | 17.        | 1               | 1             | <u> </u>         | 99<br>. 100     |              | -          |               | 1.1      | 1_        | 1               | -            |
| rotal <                  |             | ···        | ] [        | 1               | <u> </u>      | 7 [              | Total<br>Indep  | 1            | 1          |               |          | +         |                 | 7            |
| Pepend<br>Fotal<br>talms |             |            | <u></u>    | 1: 3            | <b>₹</b> -1   | 1 13             | Total           | 1            | ₹.]        |               |          | <u> </u>  | []              | 1            |
| talms                    |             |            |            |                 | T             | 1 17             | Depend<br>Total | <del>\</del> | 1          | -             |          |           | ; <del></del> - | ]: .         |
|                          |             |            |            | J               | <u></u>       |                  | emisk           | 1            | 1          | · [ ]         |          | 1.        |                 | 7            |

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| <b>j</b> .    |                  | _            |                |             |              |              |                |                 | <del></del>    | ·         |               | Annt               | (I)         | Alemai                                       |             |               |               |                 |                | •              |
|---------------|------------------|--------------|----------------|-------------|--------------|--------------|----------------|-----------------|----------------|-----------|---------------|--------------------|-------------|--|-------------|---------------|---------------|-----------------|----------------|----------------|
| 1             | CLAIMS ONLY      |              |                |             |              |              |                |                 |                |           | į             | Application Number |             |  |             |               | Filing Date   |                 |                |                |
| - 1           | 1                |              |                |             |              |              |                |                 |                |           | į             | Applicant(s)       |             |  |             |               |               |                 |                |                |
| <u> </u>      |                  |              |                | •           | •            |              | •              |                 | •              |           |               | - Astraco          | andel       | ,  |             |               |               |                 |                |                |
| 1-            | LAIMS            |              |                |             | •            |              |                | ·               |                |           |               | 444                |             |  |             |               | •             |                 | •              | -              |
|               | CAMS.            |              | SFILE          | ·           | AF           | TERF         | RST            | AFTE            | RSECO          | ФИC       | i             | May                | be us       | ed for ac                                    | iditional c | laims or      | ame           | endments        |                |                |
|               | +                | , Inder      | De             | pend        | Inde         | ENOM<br>D D  | epend          | AMI<br>Indep    | ENDMEI         | AL        |               |                    |             | <u>.                                    </u> |             | 1:            |               |                 | 7.             | •              |
| - }           | 1.               | ·            |                | -           |              |              | -              | . uruep         | Der            | end       |               |                    | 4           | Indep  | Depen       | 1 Ind         | ер            | . Depend        | Indep.         | 7.             |
|               | 3                |              | -              |             | ·            |              | ·              |                 |                |           |               | 51<br>52           | +           |  |             | -             |               |                 | uidep,         | Depend         |
|               | 4 5              |              | J:             |             |              |              |                |                 | 4              |           |               | 53                 |             |  |             | ┪—            |               |                 |                |                |
|               | 6                |              | ┪┷             |             |              |              |                |                 |                |           |               | 54 ·<br>55         | - -         | <u> </u>                                     | -           | 1.            |               |                 |                |                |
|               | 7                |              |                |             |              | ╂            |                |                 | -              |           |               | 56.                | 上           |  | <del></del> | <del> </del>  | $\dashv$      |                 |                |                |
|               | 8                | <del>-</del> | <del>]</del>   |             |              |              |                |                 | 1              | $\dashv$  | ŀ             | 57<br>58           | _           |  |             | 1             | +             |                 |                |                |
|               | 0 .              |              |                |             |              | +-+          |                |                 |                |           | Ė             | 59                 | 1-          |  | <del></del> |               | $\exists$     |                 | -              | <u> </u>       |
|               | <del>}  </del> - | <del></del>  | 1-             | 二二          |              |              |                |                 | <del> </del> - | -         | F             | . 60               | 1           |  |             |               | +             |                 |                |                |
| 1.1           | 3                |              | <del> </del> - |             |              | <del> </del> | -1             |                 |                |           | <b> </b>      | 61<br>62           | 1           |  |             |               | 1             |                 |                | <del></del>    |
| 19            |                  |              | <u> </u>       |             |              |              |                | <del></del>     |                | -1.       | .F            | 63                 |             |  |             |               | +             |                 |                | <u> </u>       |
| . 16          |                  |              |                | -           | ·            |              |                |                 |                |           | -             | 64<br>65           | ╁┷          |  |             |               |               |                 | <del> </del>   |                |
| 18            |                  | -            | -              |             |              |              | <del> -</del>  |                 | ÷              | $\exists$ |               | 66 .               |             |  |             | ·             | +             |                 |                |                |
| .19           | · ].             |              | <del></del>    |             | ÷            |              |                |                 |                |           | -             | 67 -<br>68         | ┝           |  |             |               | 1             |                 |                |                |
| . 20<br>. 21  |                  |              | <del></del>    |             |              |              |                |                 | -              | 7         |               | 69 -               |             |  |             | <del> :</del> | 1.            |                 | · · · - · ·    |                |
| . 22          |                  |              | ••••           |             |              |              |                |                 |                | 7         | 1-            | 70<br>71           | <u> </u>    |  |             |               | 1             |                 |                |                |
| . 23          |                  |              |                | 1           |              |              | - -            |                 |                | 7         |               | 72                 |             |  |             | <del></del>   | _             |                 |                |                |
| . 25          | <u> </u>         |              |                | 4.          |              |              | 二              |                 | <del> </del>   | 4         | -             | 73 · . 74          |             | 7.   |             |               | <u> </u>      |                 |                |                |
| · 26          | 7                |              |                | 1           |              |              | - -            |                 |                | 7.        |               | 75                 | <u> </u>    |  |             |               | _             |                 |                |                |
| 28            |                  |              |                | 1           |              |              |                |                 | <del></del> -  | -         |               | 76<br>77           |             |  |             |               |               |                 |                |                |
| 30            | - 1              |              | <u> </u>       |             |              |              |                |                 |                | 1         |               | 78                 |             |  |             |               |               |                 |                |                |
| 31            |                  |              | <u> </u>       |             |              |              | 二              |                 |                | 1         |               | 79 .<br>30         |             | 1  |             |               | <del></del> - | <del>-  -</del> |                |                |
| . 32          | 7                |              | *              | -           |              | <u> </u>     | -              |                 |                | 1 .       | · 8           | 11                 | <del></del> | ┪  |             |               |               |                 |                |                |
| 33<br>34      | ┪—               |              |                |             |              |              |                | <del>-  -</del> | <del></del>    |           | . 8           | 2                  |             |  |             |               |               |                 |                |                |
| . 35          | 1_               |              |                | <del></del> |              |              |                |                 |                |           | 8             | 4                  | ·           | -  |             | -             |               |                 |                |                |
| .36<br>37     | ╂┯               | - -          |                |             |              | <u> </u>     | <del> </del>   |                 | <u></u>        |           |               | 5                  | ·           |  |             |               |               |                 |                |                |
| .38           |                  |              | <del></del>    | <del></del> | - -          |              | 1              |                 |                | - 1       | 8             | <del>,</del> –     |             |  | $-\bot$     |               |               |                 |                |                |
| 39.<br>40     | <del> </del>     |              |                |             |              |              | 1              |                 |                | . [       | - 88          | 3                  |             | 1_   |             |               | <u>.</u>      |                 |                |                |
| 41            |                  |              | <del></del> -  | <del></del> |              |              |                |                 |                | ·         | - 89<br>90    |                    | <del></del> |  |             |               |               |                 | <del>-  </del> |                |
| 42            |                  | -4           |                | <del></del> | +-           |              | <del> </del> - | <del> </del>    |                |           | 91            |                    |             | 1.   |             |               |               |                 |                |                |
| 44            |                  | 4            |                |             | 7            |              |                |                 | <u></u>        | -         | 92<br>93      |                    |             |  |             |               |               |                 |                | <del>.  </del> |
| 45.           |                  | 士            |                |             |              |              |                |                 |                | F         | 94            |                    |             | <del> </del>                                 |             | 1             | -             |                 |                | _              |
| 46            |                  | 1            |                |             |              |              | <u> </u>       |                 |                | F         | 95            | 7                  |             |  |             |               | <del></del> : |                 |                |                |
| 48            |                  | 1-           |                |             | 1            |              |                |                 | _              | F         | 96<br>97      |                    |             |  |             |               |               |                 | +              |                |
| 49            |                  |              |                |             | <del> </del> |              |                |                 |                |           | 98            | ユー                 | <u> </u>    |  |             |               | -             | 1_              |                |                |
| 50 .<br>otal  |                  | 1-           | 1              |             |              |              |                | <del>- </del>   | <del> </del>   |           | 99<br>100     | 4                  |             |  |             |               |               | <del></del>     |                |                |
| dep i         |                  |              | - 1            | 3           | II           |              |                | 17              |                | 1         | otal          | <b>┤</b> ;         |             |  | -           |               |               | <u> </u>        | 1              |                |
| otal          | 4                |              |                | - / -       |              | 1            |                |                 |                | Lin       | dep           |                    | ]           | 1  |             | IT            | •             | 1               | 11             | 7              |
| epend<br>otal | -                |              | -              | کلا         |              | <u>.   :</u> |                | 4:              |                | To        | otal<br>epend | 1.                 | ₹-          |  |             | <b>₹</b> J    |               | -               |                | 1              |
| alms .        |                  |              | 16             | 59          | ١.           | 1            |                | 1               |                |           | rtal          | <del>`</del>       | -           |  |             | -             | -             | T '             | •              | 1              |

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